Reuse and Recycling

Manual



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#### 1. Manufacturer Information

Manufacturer:	iRobot Corporation	
Address:	Address: 8 Crosby Drive, Bedford, MA 01730 USA	
Website:	www.irobot.com	
File Number:	US22A7LM.001	



# 2. Product Information

Model Identification	RCA-Y1 (234188181)	
Product Description	Roomba Vacuum	
Type Designation(s):	Roomba Combo	
WEEE Category:	Category 5 (Small equipment)	
Weight [g]:	3,663.2g	
Recyclability:	72.86%	

Environmental Services		Reuse and Recycling Manual	<b>TÜV</b> Rheinland® Precisely Right.		
	Туре І	Material/components which must be removed and treated separately According to Annex II of the 2012/19/EU (WEEE) directive.			
	Type II	Material/components which can disturb certain recycling processes.			
	Type III	Material/components which have an economic value at end-of-life.			

# 3. Recycling Information: (Optional)

- Are plastic parts >10g marked according to ISO 11469?
- Is the product manufactured of 20% recycled material?

# 4. Directives and Standards: (Optional)

The following directives and standards have been considered:

- EN 50419:2006 "Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2012/19/EU (WEEE)
- 2012/19/EU Directive 2012/19/EU of the European Parliament and of the Council of July 4, 2012 on waste of electrical and electronic equipment (WEEE)
- ISO 11469 "Generic Identification and Marking of Plastic Products"





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
1	PCB / Mixed Components	PCB	116.2	Treat Separately, 50% Recycle





5. Instructions for removing materials/components which must be removed and treated separately:





*1*|3 1|5 1|1 1|0 ||6 ||8 ||2 ||**9** 

Nr.	Component	Material	Wt. (g)	Comments
2	Battery	Battery	251.6	Treat Separately < Refer To Batteries Directive (2006/66/EC)>









Nr.	Component	Material	Wt. (g)	Comments
3	Non-Reusable Cables	Mixed	5.1	Treat Separately, 40% Recycle



Nr.	Component	Material	Wt. (g)	Comments
1	Foam	Non-ID Foam	3.0	Waste



Nr.	Component	Material	Wt. (g)	Comments
2	Labels	Non-ID plastic	2.4	Incinerate

**Environmental Services** 



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
3	Rubber Parts	Non-ID Rubber	79.6	Waste

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6. Components/materials which may disturb certain recycling processes



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Nr.	Component	Material	Wt. (g)	Comments
4	Textile	Non-ID Textile	18.2	Waste



6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
5	Internal Plastics	Non-ID Plastic	821.7	Incinerate

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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
1	PCB Plate	Alloy	70.8	Recycle





#### 7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
2	Hardware	Alloy	543.7	Recycle





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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
3	Plastic Parts	ABS	1190.3	Recycle





7. Material/components which have an economic value at end-of-life.



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Nr.	Component	Material	Wt. (g)	Comments
4	Reusable Cables	Mixed	160.0	Reuse





7. Material/components which have an economic value at end-of-life.





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Nr.	Component	Material	Wt. (g)	Comments
5	Reusable Camera	Mixed	20.5	Reuse





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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
6	Reusable Motors	Mixed	215.9	Reuse





7. Material/components which have an economic value at end-of-life.



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Nr.	Component	Material	Wt. (g)	Comments
7	Exterior Metal Plate	Alloy	52.9	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
8	Wheel Assembly	Mixed	332.9	Reuse



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### 8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
1	PCB / Mixed Components	РСВ	116.2	Treat Separately, 50% Recycle
2	Battery	Battery	251.6	Treat Separately < Refer To Batteries Directive (2006/66/EC)>
3	Non-Reusable Cables	Mixed	5.1	Treat Separately, 40% Recycle
Nr.	Component	Material	Wt. (g)	Comments
1	Foam	Non-ID Foam	3.0	Waste
2	Labels	Non-ID plastic	2.4	Incinerate
3	Rubber Parts	Non-ID Rubber	79.6	Waste
4	Textile	Non-ID Textile	18.2	Waste
5	Internal Plastics	Non-ID Plastic	821.7	Incinerate
Nr.	Component	Material	Wt. (g)	Comments
1	PCB Plate	Alloy	70.8	Recycle
2	Hardware	Alloy	543.7	Recycle
3	Plastic Parts	ABS	1190.3	Recycle
4	Reusable Cables	Mixed	160.0	Reuse
5	Reusable Camera	Mixed	20.5	Reuse



# 8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
6	Reusable Motors	Mixed	215.9	Reuse
7	Exterior Metal Plate	Alloy	52.9	Recycle
8	Wheel Assembly	Mixed	332.9	Reuse

Special notes: Some other components can be recycled. Please refer to the WEEE summary report. All images for representative purposes only.